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LIST OF PATENTS AND PUBLICATIONS			Attorney Docket: 101769-581	Serial No.: TBA
APPLICANT'S INFORMATION			Applicant: SCHUTH et al	Examiner: TBA Hailey
DISCLOSURE STATEMENT (Form PTO-1449)			Filing Date: Herewith 12/10/04	Group: TBA 1755

U.S. PATENT DOCUMENTS

Examiner's Initial		Document Number	Date	Name	Class	Sub Class	Filing Date If appropriate
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation Yes No
LH	AC	EP 0 552 133 A	21. July 1993	Europe			
LH	AD	DE 17 92 188 A	14 October 1971	Germany			
	AE	EP 0 685 435 A	6 December 1995	Europe			
	AF						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

LH	AG	Shigapov et al; "The Preparation of High-Surface Area, Thermally-stable Metal-Oxide catalysts and Supports by a Cellulose Templating Approach"; Applied Catalysis A: General, Elsevier Science, Amsterdam, NL (March 9, 2001) pages 287-300 XP004272630,
LH	AH	Schmidt W. et al.; "A Novel Synthesis Route for High Surface Area Spinels Using Ion Exchanged Zeolites as Precursors"; Microporous and Mesoporous Materials, Elsevier Science Publishing, NY (November 1, 2001); pages 89-94 XP004332131
LH	AI	Schmidt W. et al.; "Nanosized Transition Metal Spinels with High Surface Areas From Zeolite Precursors"; Chemistry of Materials, American Chemical Society, Washington, (February 1, 2001); pages 607-612; XP 001005180
	AJ	

EXAMINER: /Patricia Hailey/

DATE CONSIDERED: 01/31/2007

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT'S**
 (Form PTO-1449)
Complete if KnownApplication Number **10,517,683**Filing Date: **December 10, 2004**First Named Inventor **SCHUTH, et al.**Art Unit **Not yet assigned 1755**Examiner Name: **Not yet assigned Hailey**

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of 2

Attorney Docket Number: **100716-58****U.S. PATENT DOCUMENTS**

Examiner's Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²			
LH	A	US - 4,446,201	05-01-1984	LEE, et al.	

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Number-Kind Code ²				
LH	B	JP-62-265114	05-07-1988	T. Ogushi		✓

NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
LH	C	M. DATURI, et al., "Reduction of High Surface Area Ce _{0.2} – Zr _{0.2} Mixed Oxides", J. Phys. Chem. B, (2000) v. 104, pages 9186-9194.	
	D	M.F.L. JOHNSON, et al., "The Origin and Types of Pores in Some Alumina Catalysts", Journal of Catalysis, (1968), vol. 10, pages 342-354.	
	E	G.K. CHUAH, et al., "The Effect of Digestion on the Surface Area and Porosity of Alumina", Microporous and Mesoporous Materials, (2000), vol. 37, pages 345-353.	
	F	M.A. VALENZUELA, et al., "The Influence of the Preparation Method on the Surface Strucutre of ZnAl ₂ O ₄ , Applied Catalysis A, General, (1997), vol. 148, pages 315-324.	
	G	G. BUSCA, et al., "Preparation, Solid-State Characterization, and Surface Chemistry of High Surface Area Ni _x Al _{2-x} O _{3-2x} Mixed Oxides", Chem. Mater., (1992), vol. 4, pages 595-605.	
	H	A. ALEJANDRE, et al., "Preparation and Study of Cu-Al Mixed Oxides via Hydrotalcite-like Precursors", Chem. Mater., (1999), vol. 11, pages 939-948.	
↓	I	R. ROESKY, et al., "An Improved Synthesis Method for Indenes and Styrenes by Use of a ZnO/Al ₂ O ₃ Spinel Catalyst", Applied Catalysis A: General, (1999), vol. 176, pages 213-220.	
LH	J	A.C. PIERRE, et al. "Comparison of the Structure and Porous Texture of Alumina Gels Synthesized by Different Methods", Langmuir, (1998), vol. 14, pages 66-73.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT'S**
(Form PTO-1449)

		Complete if Known	
Application Number		10/517,683	
Filing Date:		December 10, 2004	
First Named Inventor		SCHUTH, et al.	
Art Unit		Not yet assigned 1755	
Examiner Name:		Not yet assigned Hailey	

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of 2

Attorney Docket Number: 100716-58

NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
LH	K	E. ELAOULI, et al., "Influence of the Sol-Gel Processing Method on the Structure and the Porous Texture of Nondoped Aluminas", J. Catal., (1997), vol. 166, pages 340-346.	
	L	Y. MIZUSHIMA, et al., "Preparation of Heat-Resistant Alumina Aerogels", J. Mater. Res., Vol. 8, No. 11, Nov. 1993, pages 2993-2999.	
	M	K. MAEDA, et al., "Thermal Behaviour of Aluminia from Aluminium Alkoxide Reacted with Complexing Agent", J. Chem Soc. Faraday Trans., (1992), vol. 88, pages 97-104)	
	N	G. BUSCA, et al., "Transition Metal Mixed Oxides as Combustion Catalysts: Preparation, Characterization and Activity Mechanisms", Catal. Today, (1997), vol. 33, pages 239-249.	
	O	E. ESCALONA, et al., "Synthesis of High Surface Area CoAl ₂ O ₄ and NiAl ₂ O ₄ , Spinels by an Alkoxide Route", Res. Chem. Intermed., (1999), vol. 25, No. 2, pages 187-194	
	P	M. OZAWA, et al., "Preparation of Zirconia Powder by the Pyrolysis of Active Carbon", J. Mater. Sci. Lett., (1990), vol. 9, pages 446-448.	
	Q	C. MADSEN, et al., "Nanosized Zeolite Crystals-Convenient Control of Crystal Size Distribution by Confined Space Synthesis", Chem. Commun., (1999), pages 673-674.	
	R	H. WAKAYAMA, et al., "Nanoporous Metal Oxides Synthesized by the Nanoscale Casting Process Using Supercritical Fluids", Chem. Matter, (2001), vol. 13, pages 2392-2396.	
	S	C. WEIDENTHALER, et al., "Thermal Stability and Thermal Transformations of Co ²⁺ - or Ni ²⁺ -Exchanged Zeolites A, X, and Y", Chem. Matter, (2000), vol. 12, pages 3811-3820.	
↓	T	C.O. AREAN, "Sol-Gel Method for Preparing High Surface Area CoAl ₂ O ₄ and Al ₂ O ₃ - CoAl ₂ O ₄ Spinels", Mater. Lett. (1999), vol. 39, pages 22-27.	
LH	U	E.S.J. LOX, et al., "Environmental Catalysis", Wiley-VCH, Weinheim 1997, Handbook of Heterogeneous Catalysis, vol. 4, pages 1559-1633.	

EXAMINER SIGNATURE: /Patricia Hailey/

DATE CONSIDERED: 01/30/2007

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